

FIG. 2

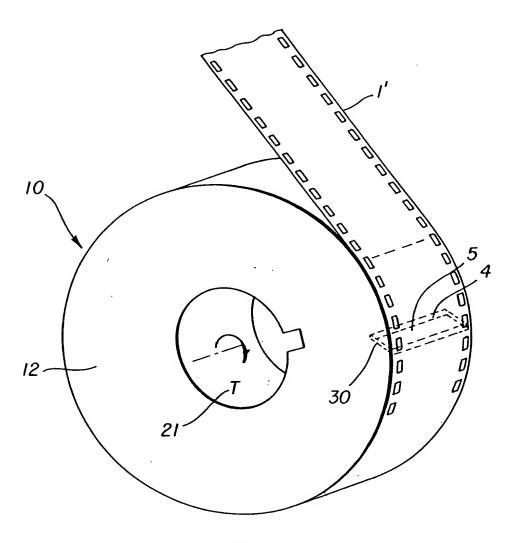
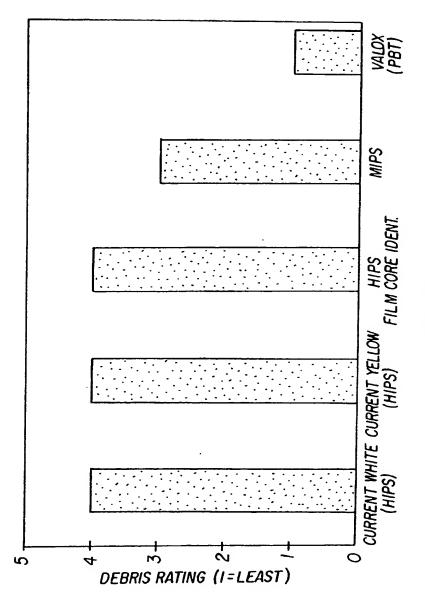
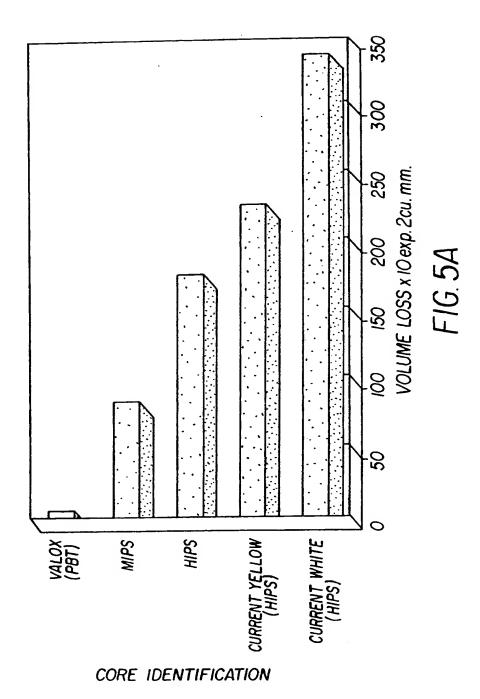
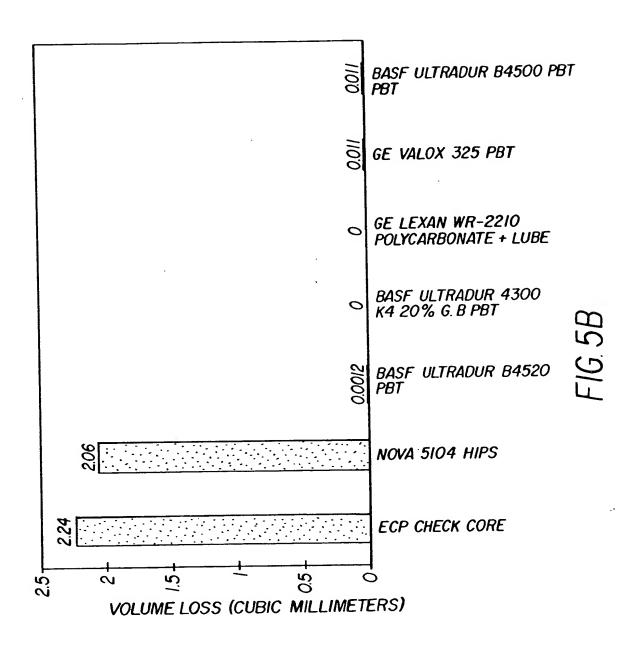


FIG. 3



F16.4





			COEFFICIENT OF FRICTION			
·		MOLD TEXTURE	FRICTION			
SPI FINISH	FINISH TYPE	(RA MICRONS, MEASURED)	(+2 STD)	(–2 <i>STD</i>)	AVG.	STD
HIPS (NOVACOR "5104")		0.10	0.63	0.53		0.027
AI	#3 DIAMOND BUFF	0.02	0.32			0.012
	#15 DIAMOND BUFF	0.04	0.28	0.24	0.26	0.01
D2E	EDM, CHARMILLES 18	0.80	0.29	0.23		0.015
BI	600 GRIT PAPER	0.10	0.24	0.18		0.017
DI	#12 GLASS BEAD	0.37	0.24	0.18		0.017
<i>C3</i>	320 STONE	0.29	0.25	0.17		0.021
D2	#10 GLASS BEAD	0.37	0.26	0.16	0.21	0.025
CI	600 STONE	0.32	0.21	0.17	0.19	0.01
B3	320 GRIT PAPER	0.23	0.21	0.15	0.18	0.015
D3	EDM, CHARMILLES 24	1.57	0.2	0.1	0.15	0.026

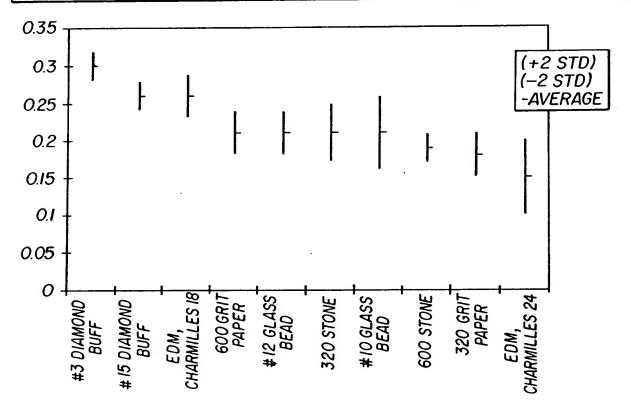


FIG. 6

	HIPS NOVA "5104"	PBT GE "VALOX 325"
TENSILE ELEONGATION	55%	200%
FLEXURAL STRENGTH	62 MPa	83 MPa
TENSILE STRENGTH	27 MPa	52 MPa
FLEXURAL MODULUS	2,300 MPa	2,300 MPa

FIG. 7

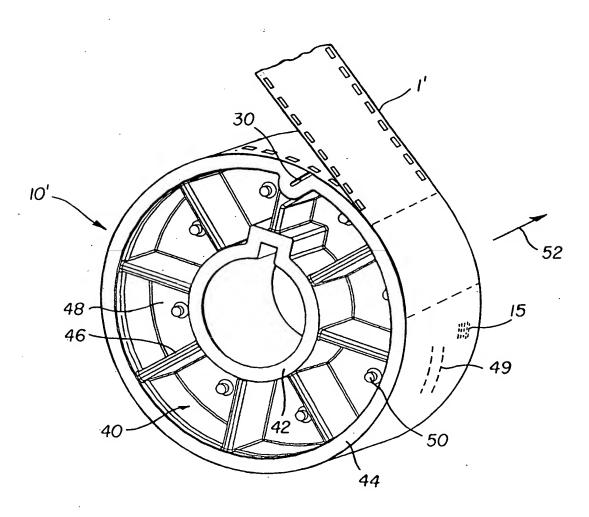


FIG.8